

ABSTRACT

In one embodiment, the methods and apparatuses include a shell surface comprising: a front portion having a continuous surface for protecting a user from contamination, wherein the continuous surface provides a barrier between the contamination and the user, wherein the front portion protects a chest and abdomen area of the user from the contamination; an arm portion connected to the front portion, wherein the arm portion protects the arm from contamination; and a leg portion connected to the front portion, wherein the leg portion is configured to protect a leg of the user; a first fastener coupled to the leg portion for fastening the leg portion around the leg of the user; and a second fastener coupled to the front portion for fastening the front portion to the user wherein the second fastener is configured to attach the front portion to a side portion of the user, wherein the shell surface is configured to attach to the user through the first fastener and the second fastener while a portion of a back of the user is blocked.